

Abstract of th Disclosur

Surgical method and apparatus for resectioning tissue, preferably luminal tissue, with a remaining portion of an organ being anastomized with staples or other fastening means, preferably endolumenally. The apparatus may be inserted via a naturally occurring body orifice or a surgical incision and then advanced using either endoscopic or radiological imaging guidance to an area where surgery is to be performed. Under endoscopic or diagnostic imaging guidance the apparatus is positioned so tissue to be resected is manipulated into an inner cavity of the apparatus. The apparatus then cuts the diseased tissue after stapling and retains the diseased tissue within the apparatus. The rent resulting in a border of healthy tissue is anastomosed with surgical staples.